

# Career Fair on Thursday

MIT's  
Oldest and Largest  
Newspaper



**The Weather**  
Today: Cloudy, 79°F (26°C)  
Tonight: Showers, then clear, 63°F (17°C)  
Tomorrow: Clear, warm, 79°F (26°C)  
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Volume 125, Number 40

Cambridge, Massachusetts 02139

Tuesday, September 20, 2005

## Dorms Get Wireless As Service Upgrades Prove Too Expensive

By Marie Y. Thibault  
ASSOCIATE NEWS EDITOR

After over two years of delays, the Housing Office has scrapped planned upgrades of wire networks in some dormitories, instead choosing the cheaper option of providing wireless internet.

In addition to the lower cost of installing wireless, "providing network services throughout the entire campus is very important for teaching at MIT," said Jerrold M. Grochow, Vice President for Information Services and Technology.

All dormitories will have wireless internet service by Sept. 30, said Theresa M. Regan, director of IS&T's Operations & Infrastructure Services, which is managing the upgrades. Faster wire networks are also being installed in several fraternities,

sororities, and independent living groups, Grochow said.

### Dorm wire upgrades canceled

Housing plans no more upgrades for dormitory wire networks, said Karen A. Nilsson, associate dean and director of housing. The East Campus and Bexley upgrades were finished in Jan. 2004; similar upgrades to New House and Next House were initially delayed in Sept. 2003, then later cancelled.

Nilsson said that the East Campus and Bexley Hall upgrades cost over a million dollars each. "We don't have funds" to install wire networks, she said. The cost of wireless networks and network upgrades is not yet available, Regan said.

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SALLY PEACH—THE TECH

Jennifer E. Gagner '07 steadies the sail as James P. Houghton '08 pushes off from the dock at the MIT Sailing Pavilion. Yesterday, Sept. 19, marked an Institute holiday for students, and many chose to spend the day outdoors enjoying the beautiful weather.

## Institute Gathers Faculty Proposals For Research Aiding Katrina Efforts

By Beckett W. Sterner  
NEWS EDITOR

With new research efforts, a centralized organizing committee, and a new subject, MIT is taking on the long-term challenges following Hurricane Katrina's devastation of Louisiana and Mississippi.

"Ideas have been pouring in from faculty and staff as well, and I have appointed a Katrina Response Advisory Group to help coordinate these efforts," wrote President Susan Hockfield in an e-mail to MIT's

faculty.

As of Thursday last week, about a dozen faculty had sent in ideas for projects, said Kathryn A. Willmore, vice president of the Corporation and chair of the advisory group.

The advisory group will work to stay informed of Katrina-related activities going on at MIT and will try to facilitate work on educational programs and research initiatives that might come from the faculty, Willmore said.

Holly B. Sweet, Experimental

Studies Group associate director and lecturer, said she has formed a study group for undergraduates "to find out more about the city as it was" and as it will be. She said the subject arose from her need to respond to the disaster in her capacity as an educator.

Creating a new class in under a week is typical of the "don't let red tape get in your way" style of MIT, she said. "There's something in my MIT style that says 'nonsense'"

Katrina, Page 17



OMARI STEPHENS—THE TECH

Holly B. Sweet, Associate Director of the Experimental Study Group, inquires about attendees' impressions of post-Katrina New Orleans during a meeting of SP.233, "New Orleans: Sinking or Rising?" The study group provides a venue to learn about New Orleans' past and discuss its future.

## The Other Star Wars: MTG Musical Opens New Exhibit For the Museum of Science

By Laura Nicholson

When Jacqueline B. Kirtley '96, a Museum of Science employee, heard that the MoS was looking for

Star Wars-themed entertainment at a black-tie event, she knew just what to suggest.

As a long-time member of the MIT Musical Theater Guild, Kirtley knew that the Guild had the perfect act to kick off the Museum's new exhibit "Star Wars: Where Science Meets Imagination." The Guild will

perform two large group numbers from its popular show "Star Wars: Musical Edition" at the elaborate opening event.

The MTG cast is excited about performing in front of an enthusiastic audience at the Museum of Science, said MTG President Eleanor M. Pritchard '06. "It's also such an involved audience because people who love Star Wars love Star Wars."

Several important figures involved in Star Wars are expected to attend "so MTG will be performing

MTG, Page 13

## MIT Solar Car Team Gears Up for Contest in Australia

By Yi Zhou

Drivers in Australia will witness a curious sight next weekend as a troop of miniature UFOs-on-wheels invade Stuart Highway.

These bizarre vehicles, solar cars designed and built from scratch by students, will blaze through 1,800 miles of rainforests, woodlands, and desert at speeds up to 90 miles per hour. And they won't even have to stop for gas.

Twenty-five teams from 11 different countries will race off at 8 a.m. next Sunday, Sept. 25 in the Eighth Bi-Annual World Solar Challenge (WSC).

MIT's Solar Electric Vehicle Team will send "Tesseract," its 375-pound solar car, into its second race on Sunday. Fifty pounds lighter and five miles-per-hour faster than its predecessor that placed third in 2003, Tesseract has a completely different chassis design and better aerodynamics.

Regardless of the outcome of the race, "it's definitely a thrilling and unique experience," said Benjamin W. Glass '07, one of four drivers for the race. "It's not that often that you get to design, build, and synthesize a project, and see it through from the shop to half a world away."

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# WORLD & NATION

## Former White House Budget Official Arrested

By Philip Shenon and Anne E. Kornblut

THE NEW YORK TIMES

WASHINGTON

A senior White House budget official who resigned abruptly last week was arrested Monday on charges of lying to investigators and obstructing a federal inquiry involving Jack Abramoff, the Republican lobbyist who has been under scrutiny by the Justice Department for more than a year.

The arrest of the official, David H. Safavian, head of procurement policy at the Office of Management and Budget, was the first to result from the wide-ranging corruption investigation of Abramoff, once among the most powerful and best-paid lobbyists in Washington and a close friend of Tom DeLay, the House majority leader.

According to court papers, Safavian, 38, is accused of lying about assistance that he provided to Abramoff in his earlier work at the General Services Administration, where he was chief of staff from 2002 to 2004, and about an expensive golf trip he took with the lobbyist to Scotland in August 2002.

## German Election Is Inconclusive; No Clear Winner

By Richard Bernstein and Judy Dempsey

THE NEW YORK TIMES

BERLIN

The stalemate in German politics deepened Monday, the day after an inconclusive national election result, as key party leaders rejected some of the coalition solutions that might otherwise lead to the formation of a new government and the selection of a chancellor.

Most important, the chairman of the Social Democratic Party, Franz Muentefering, confirmed that Chancellor Gerhard Schroeder would refuse to enter into any coalition with the main opposition party that did not choose Schroeder himself as chancellor.

This, for the moment at least, seemed to rule out a “grand coalition” between Schroeder’s Social Democrats and the Christian Democratic Union, the party of Schroeder’s main rival as chancellor, Angela Merkel. That option had been deemed the most likely outcome in the event that no party won a majority.

In that scenario, Merkel, as leader of the party with the biggest bloc of seats in parliament, would then become chancellor, while Schroeder would step down. But both Schroeder and Muentefering have ruled that out.

## Quebec Labor Board Rejects Wal-Mart Claim on Store Closing

By Ian Austen

THE NEW YORK TIMES

OTTAWA

Quebec’s labor relations board has rejected Wal-Mart Canada’s claim that it closed a unionized store in that province for economic reasons, saying instead that there was evidence the store might reopen.

In a decision released late last week, the board said that it did not find the April closing of the store in Jonquiere to be “real, genuine and definitive” under the province’s law. The decision makes it possible that the company could be fined and that compensation could be ordered for about 190 former employees.

The Canadian arm of Wal-Mart Stores, based in Mississauga, Ontario, has vigorously denied suggestions that the store’s closing, an unusual act for the company, was related to the successful drive to organize its employees by the United Food and Commercial Workers-Canada. Rather, it said, the outlet was unprofitable.

The labor board’s decision did not look at the store’s financial results, however. The board said it heard evidence that Wal-Mart had made no real effort to find another tenant to assume its 20-year lease on the store and that the building had neither been sold nor demolished. That, the board said, indicated that the closing was not permanent, making the dismissal of its workers illegal under Quebec law.

# Tropical Storm Rita Forces Halt of New Orleans Return

By William Yardley

THE NEW YORK TIMES

NEW ORLEANS

Under pressure from President Bush and with a new storm threatening the Gulf of Mexico, Mayor C. Ray Nagin on Monday suspended his plan to allow people to return to this vulnerable city. Instead he immediately called for a mandatory evacuation of many of the residents who have returned or never left.

“This is a different type of event,” the mayor said of Tropical Storm Rita. “Our levee systems are still in a very weak condition. Our pumping stations are not at full capacity, and any type of storm that heads this way and hits us will put the east bank of Orleans Parish in very significant harm’s way. So I’m encouraging everyone to leave.”

The mayor reversed himself hours after Bush questioned whether it was safe for residents to return to the city and reiterated warnings by Vice Adm. Thad W. Allen of the Coast Guard, who is leading the federal recovery effort, that the city’s levee system was weakened, its 911 system was not working, its hospitals were closed and its air and water

were fouled by pollutants.

“Admiral Allen speaks for the administration,” Bush said in Washington on Monday, adding, “We have made our position loud and clear.”

“The mayor needs to hear, and so do the people of New Orleans, our objective,” the president said. “Listen, I went there, and stood in Jackson Square to say we want this city to re-emerge. As I said, I can’t imagine America without a vibrant New Orleans. It’s just a matter of timing, and there’s issues to be dealt with.”

“If it were to rain a lot, there is concern from the Army Corps of Engineers that the levees might break. And so, therefore, we’re cautious about encouraging people to return at this moment of history.”

The dispute over access to the city once again reflected three weeks of tension, despite public reconciliations, between federal and local authorities over the response to the Hurricane Katrina, which struck Aug. 29.

Asked at his own news conference in New Orleans on Monday whether political pressure had forced him to reverse himself, Nagin said the approaching tropical storm, as well as

sewer system problems, prompted the change.

“I understand the federal government was a little, uh, excited about the plan,” he said. “They didn’t feel as though conditions were quite right. But my thought has always been that if we have this many resources in the city working cooperatively then we could correct just about any situation that was out there.”

Forecasters said Tropical Storm Rita, which passed through the Bahamas on Monday, was expected to strengthen into a major hurricane in the Gulf of Mexico later this week and potentially strike Texas, near the coast of Louisiana. The mayor asked those remaining in the city to leave now or at least “be prepared” to evacuate as soon as Wednesday, depending on the storm’s path.

The terms of the evacuation were not fully clear. The mayor said the east bank of the city, which includes historic neighborhoods like the French Quarter as well as those most devastated by flooding, was still under the mandatory evacuation he issued before Hurricane Katrina. But he said people still in those areas would not yet be forced to leave.

# OPEC Increases Production Cap But Market Drives Oil Price Up

By Jad Mouawad

THE NEW YORK TIMES

VIENNA, AUSTRIA

OPEC delegates said Monday that the group planned to allow its members to provide up to 2 million barrels a day of extra crude oil “if the market needs it.” But oil traders brushed aside the move and instead sent oil prices higher on worries of another possible hurricane.

Royal Dutch Shell, Chevron and other oil companies said they were evacuating some employees from offshore oil platforms in anticipation of the storm, which the National Hurricane Center said Monday was making its way toward the Gulf of Mexico and could become a hurricane overnight.

The latest hurricane warnings helped push oil prices up on the New York Mercantile Exchange, and they closed Monday at \$67.39 a barrel, up \$4.39. Natural gas futures hit a record

on Monday, closing at \$12.663 per thousand cubic feet, up \$1.519.

Forecasters issued a hurricane warning for parts of Southern Florida and said that by early Saturday, the storm, the 17th named storm of the Atlantic hurricane season, could make landfall on the Texas coast near Houston, an area that is home to many refineries and petrochemical plants and a major port.

The mayor of Galveston, Lyda Ann Thomas, called for a voluntary evacuation. Galveston is an island city and tourist destination about 50 miles southeast of Houston.

OPEC’s highly unusual decision to put on call an extra 7 percent of its production is expected to be formally announced Tuesday at the end of the group’s two-day meeting in Vienna. Some oil ministers said the Organization of the Petroleum Exporting Countries wanted to show it was doing all it

could to help lower oil prices even as they blamed refining shortages for the current situation. Under the proposal, which members have been discussing in meetings since Sunday, OPEC producers would provide as much oil as refiners and other buyers asked for, without regard to previous production limits or quotas. The production ceiling, now set at 28 million barrels a day and shared by all 11 members except Iraq, would theoretically remain unchanged.

“The crude is available,” Ali Naimi, Saudi Arabia’s oil minister, and OPEC’s most influential voice, told reporters in Vienna. “If you want it, here it is.”

OPEC’s plan, proposed by Sheikh Ahmed Fahad Al-Ahmed Al-Sabah, the group’s current president and the oil minister from Kuwait, has the backing of Saudi Arabia, OPEC’s largest producer.

## WEATHER

### A Record-Breaking Season?

By Michael J. Ring

STAFF METEOROLOGIST

There is no respite from the active tropical season this week as two named systems currently occupy the Atlantic basin. While Hurricane Philippe drifts northward far off the U.S. east coast, Hurricane Rita is approaching the Florida Keys and should brush just south of the islands today. While currently much weaker than Hurricane Katrina at its maximum, Rita will move into the warm Gulf waters and is expected to strengthen further as it moves toward land. While the forecast still contains a great deal of uncertainty, Texas appears to be the most likely point of landfall at this time.

Rita is the 17th named storm of the hurricane season in the Atlantic basin. The most active season recorded in the Atlantic basin was 1933, when 21 tropical cyclones were observed, and with over two months left in hurricane season this record could be in danger. The list of names used each year for Atlantic hurricanes, in fact, contains only 21 names — should additional storms form in a given year, they will be named after the letters of the Greek alphabet.

#### Extended Forecast

**Today:** Cloudy with scattered showers and thunderstorms in the afternoon.

Warm with a high near 79°F (26°C).

**Tonight:** Showers ending, then clearing. Low near 63°F (17°C).

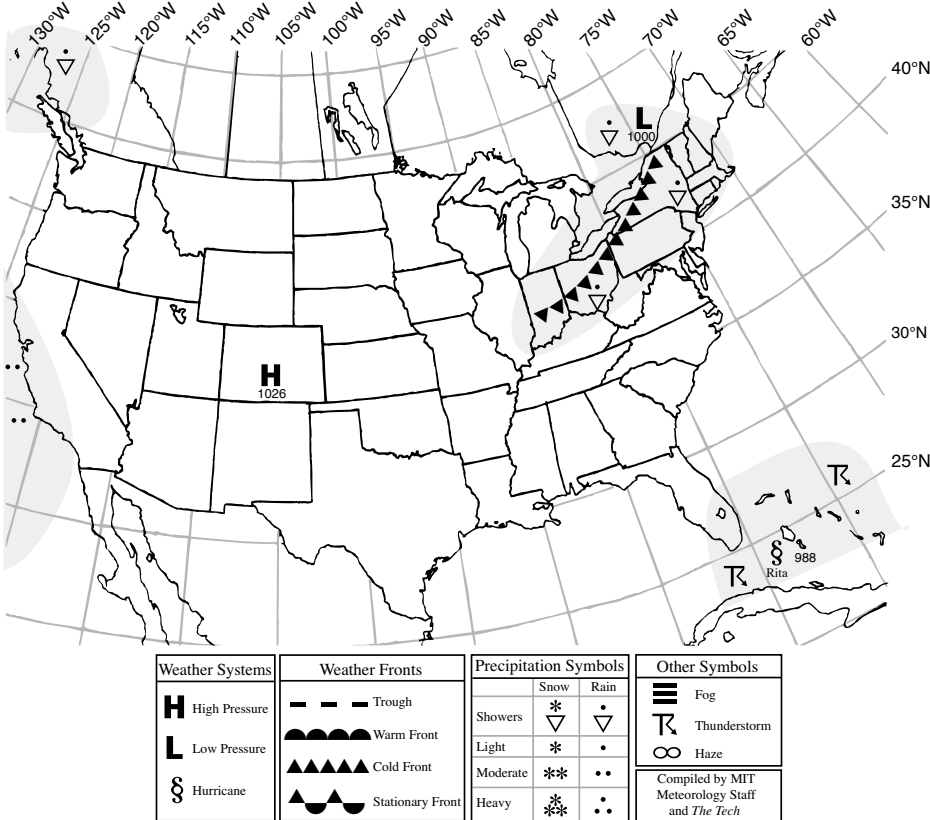
**Wednesday:** Clear and warm. High again near 79°F (26°C).

**Wednesday night:** Clear and mild. Low near 64°F (18°C).

**Thursday:** Clear but somewhat cooler. High near 75°F (24°C); low near 61°F (16°C).

**Friday:** Cloudy with a chance of showers. High near 79°F (26°C).

Situation for Noon Eastern Daylight Time, Tuesday, September 20, 2005



# NASA Presents Hundred Billion Dollar Plan to Return to Moon

By Warren E. Leary  
*THE NEW YORK TIMES*

WASHINGTON

Combining an old concept, existing equipment and new ideas, NASA gave shape on Monday to President Bush's promise to send humans back to the moon by the end of the next decade.

Michael D. Griffin, the agency's administrator, spelled out a \$104 billion plan that he said would get to the moon by 2018, serve as a stepping-stone to Mars and beyond, and stay within NASA's existing budget.

It would use a new spacecraft similar to the Apollo command capsule of the original moon program, and new rockets largely made up of components from the space shuttle program.

"It is very Apollo-like," Griffin said, "but bigger. Think of it as Apollo on steroids."

The basic outlines of the plan had been disclosed informally over the past two months by NASA officials and space experts. Griffin's announcement laid out a timetable and a budget, putting flesh on the bones of a proposal Bush had announced in January 2004 but never described in detail.

The plan drew a mixture of praise and criticism from lawmakers and space experts. Rep. Sherwood Boehlert, R-N.Y., who is chairman of the House Science Committee, said it appeared to be "the safest, least expensive and most efficient way" of moving forward in space exploration, but added that current budget short-

falls might make it hard to develop the new vehicle on schedule.

Griffin said that after adjusting for inflation, the program would cost just 55 percent of what it did to put a dozen men on the lunar surface between 1969 and 1972.

The pay-as-you-go plan, approved by the White House last week, would stay within NASA's \$16-billion-a-year budget through a combination of retiring the space shuttle, finishing the International Space Station and reallocating money from other NASA programs. And Griffin said the nation could well afford it, despite concern about tight budgets in the wake of Hurricane Katrina.

"We're talking about returning to the moon in 2018," he told a news conference here.

# North Korea Will Abandon Nukes But Agreement Sets No Deadline

By Joseph Kahn and David E. Sanger  
*THE NEW YORK TIMES*

BEIJING

After a tense weekend of heated debate within the Bush administration, the lead American negotiator with North Korea made one last call back to Washington and reluctantly signed a statement of principles that committed North Korea, in black and white, to give up "all nuclear weapons and existing nuclear programs."

But the vaguely-worded agreement left unaddressed the date when disarmament would happen, and hinted at a concession to North Korea that President Bush and his aides have

long said they would never agree to: discussing "at an appropriate time" providing North Korea with a civilian nuclear power plant, which would keep that nation in the nuclear business. All day on Monday, the Bush administration said the appropriate time was after North Korea dismantled all its nuclear facilities and allowed full inspections. On Monday evening, less than 24 hours after the deal was signed, North Korea declared that the United States "should not even dream" that it would dismantle its nuclear weapons before it receives a new nuclear plant.

As described by participants in the talks, Bush only agreed to even dis-

cuss providing a nuclear plant after China turned over a draft of an agreement and told the Americans they had hours to decide to take it or leave it. The North Koreans — dependent on China for food and oil — were unhappy but ready to sign.

"They said 'Here's the text, and we're not going to change it, and we suggest you don't walk away,'" said one senior American official at the center of the debate.

Several officials, who would not allow their names to be used because they did not want to publicly discuss Bush's political challenges, noted that Bush is also dealing with Iraq and the aftermath of Hurricane Katrina.

## Little Advantage Seen in New Schizophrenia Drugs

By Benedict Carey  
*THE NEW YORK TIMES*

A landmark government-financed study that compared drugs used to treat schizophrenia has confirmed what many psychiatrists long suspected: newer drugs that are highly promoted and widely prescribed offer few — if any — benefits over older medicines that sell for a fraction of the cost.

The study, which looked at four new-generation drugs, called atypical antipsychotics, and one older drug, found that all five blunted the symptoms of schizophrenia, a disabling disorder that affects 3 million Americans. But almost three-quarters of the patients who participated stopped taking the drugs they were on because of discomfort or specific side effects.

One of the newer drugs, Zyprexa, from Eli Lilly, helped more patients control symptoms for significantly longer than the other drugs. But Zyprexa also had a higher risk of serious side effects — like weight gain — that increase the risk of diabetes.

The study, released Monday and to be published Thursday in *The New England Journal of Medicine*, was widely anticipated because it is by far the largest, most rigorous head-to-head trial of the newer antipsychotics conducted without significant drug industry financing. The new drugs account for \$10 billion in annual sales and 90 percent of the national market for antipsychotics.

## U.S. Details Charges Against Student in Plot Against Bush

By Eric Lichtblau  
*THE NEW YORK TIMES*

WASHINGTON

An American student in Saudi Arabia who is charged with plotting to assassinate President Bush told Saudi interrogators that "I came up with the idea on my own" because he wanted to be "the brain, the planner" for a terrorist operation, American prosecutors said in a court filing made public on Monday.

The Justice Department said the student, Ahmed Omar Abu Ali, 24, "represents one of the most dangerous terrorist threats that America faces in the perilous world after Sept. 11, 2001: an al-Qaida operative born and raised in the United States, trained and committed to carry out deadly attacks on American soil."

The department made the claims in opposing efforts by Abu Ali's lawyers to throw out his statements to Saudi interrogators. The defense lawyers maintained that his admissions came only after he was tortured and beaten repeatedly.

The department called the charges of torture a "fabrication." The prosecutors said that Abu Ali, after he was arrested in Saudi Arabia in 2003, was confronted with evidence of his extremist ties and "quickly launched into a prolonged and detailed confession" of his involvement with a Saudi cell linked to al-Qaida.

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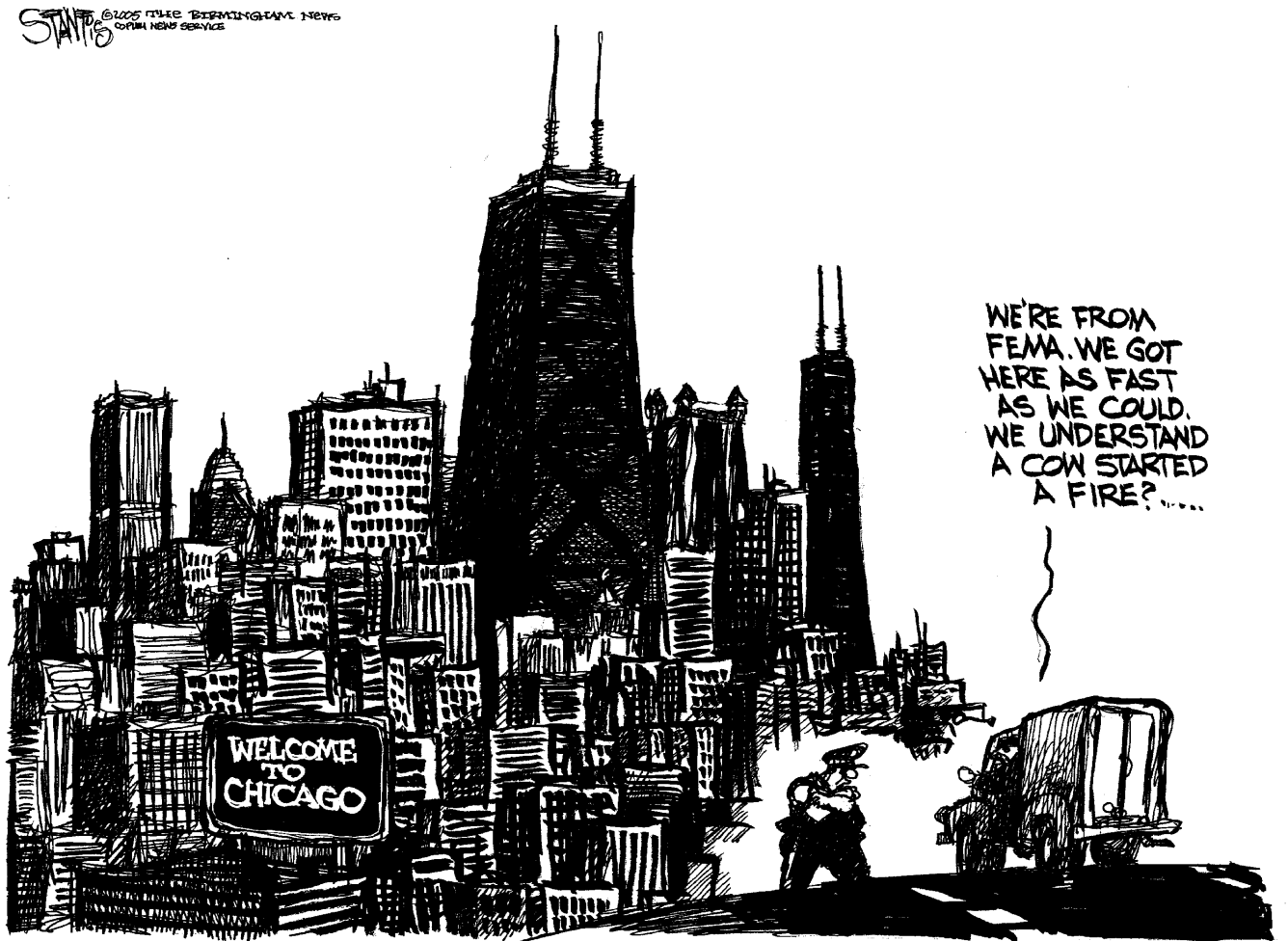
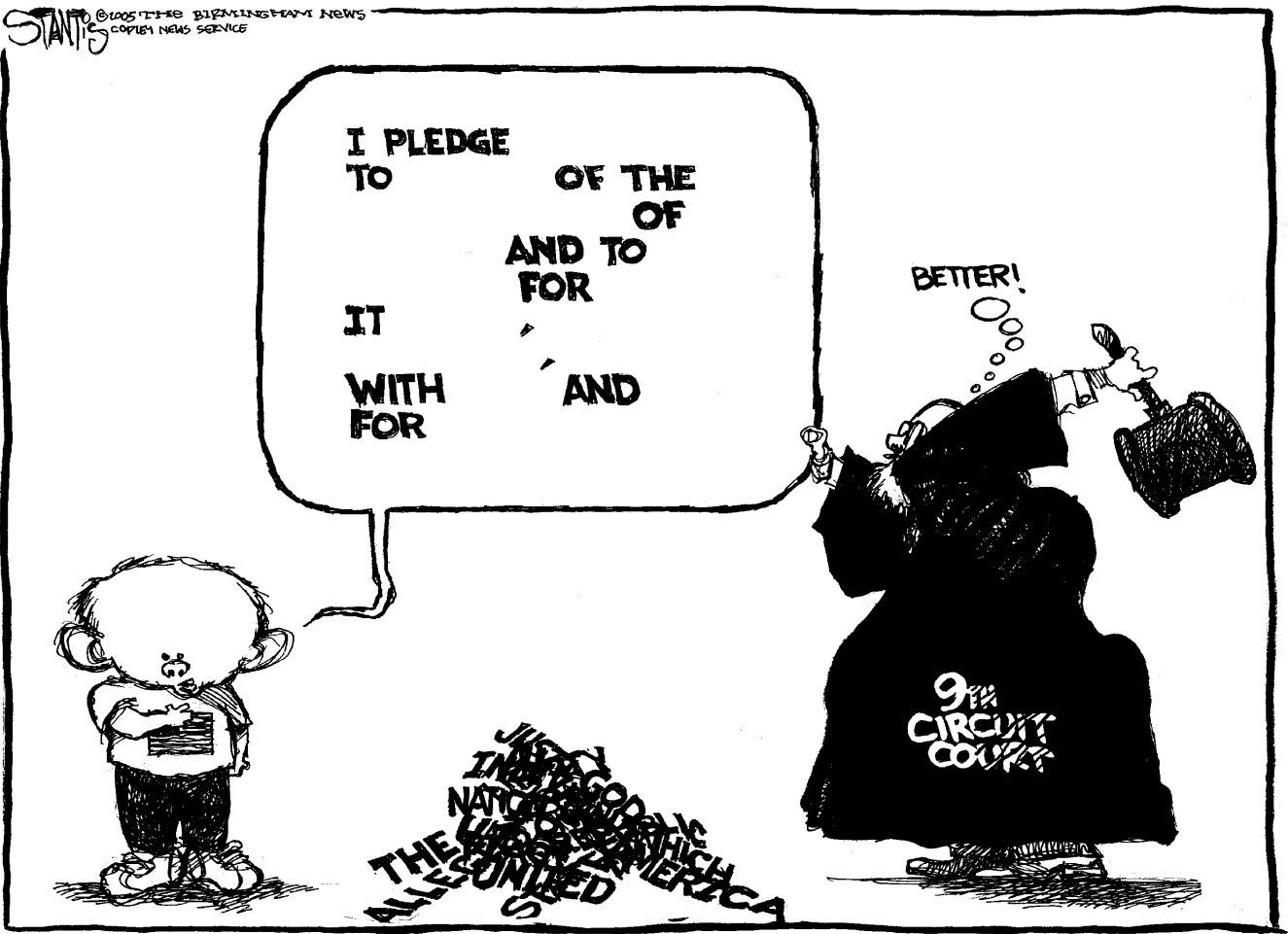
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Corrections

Two Sept. 13 back-page photos of the men's water polo team incorrectly identified one of the team members and incorrectly credited the photographers. The water polo player in the right-hand photo is Mark Y. Liao '06, not Philip E. Cassel '07. The photo should have been credited to Stanley Hu, not Dmitry Portnyagin. The left-hand photo should have been credited to Dmitry Kashlev, not Stanley Hu.

Photographs of the new Brain and Cognitive Sciences building on page 12 on Friday omitted the photography credit. They were taken by Liang Hong.



Opinion Policy

**Editorials** are the official opinion of *The Tech*. They are written by the editorial board, which consists of the chairman, editor in chief, managing editor, opinion editors, a senior editor, and an opinion staffer.

**Dissents** are the opinions of signed members of the editorial board choosing to publish their disagreement with the editorial.

**Letters to the editor, columns, and editorial cartoons** are written by individuals and represent the opinion of the author, not necessarily that of the newspaper. Electronic submissions are encouraged and should be sent to [letters@the-tech.mit.edu](mailto:letters@the-tech.mit.edu). Hard copy submissions should be addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted.

*The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. *The Tech* makes no commitment to publish all the letters received.

**Guest columns** are opinion articles submitted by members of the MIT or local community and have the author's name in italics. Columns without italics are written by *Tech* staff.

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# The Soldier of the Future

Martin Hunter

This letter was submitted to the U.S. Army in response to the third MIT Soldier Design Competition for solving problems of the modern soldier.

Dear organizers of MIT's Soldier Design Competition,

I am a pacifist. I hold a vision for the future where war between peoples, where person kills person, is no longer necessary. I hold a vision where trust and compassion, not fear and reliance on military superiority, are the currency of human relations.

But I am also a pragmatist, and know that this future, although possible, is a long way coming.

Today, I content myself with acknowledging the need for a change of course, and proposing some simple steps to move in that direction.

I know many of you must be squirming in your seats, thinking "Oh no, another darn liberal peacenik!" but I ask that you consider my words in good faith, not as self-righteous condemnation but as willingness to work together for a common good.

As a member of the MIT community, I am being challenged to "help the modern Soldier both on and off the battlefield."

My first proposal is to define what that "battlefield" is. In my world, the primary "battles" facing the US, and humanity at large, are the fight against global poverty, preventable disease and environmental devastation. To ignore these evident and mounting problems is inevitably to foment greater instability and war in the future, from humans and nature alike. It is time to turn that tide, and the US is poised, as the materially richest and most powerful nation on Earth, to effectively lead the world in that direction.

In this light, I propose the following changes to the challenges presented by the U.S. Army to the MIT community:

Challenge 1: Universal Battery Charger (for military batteries)

Rather than narrowly focusing on the improved efficiency of military equipment, let us reward efforts to develop improved batteries for harvesting and use of renewable energy sources. Overdependence on imported fossil fuels is the obvious Achilles heel of the U.S. and world economies, and the sooner we move away from that, the less our leaders will

cajole us into oil wars to sustain that addiction.

Challenge 2: Water Purification for Remote Locations

What a great idea, if only it were being applied to bringing drinking water to communities in dire need of it! Think what we could have done (and do!) for the residents of New Orleans in the wake of Katrina, let alone for the millions of people living in extreme poverty worldwide without access to potable water.

These are but two examples of how our armies can redirect their effort toward the true, long-term defense of our national, as well as global, communities.

I know these changes may sound outrageously utopian and unrealistic, but I am not alone in accepting the need to address them. In her inaugural address, MIT's President Hockfield stated that one of the great-

est world challenges and obligations facing MIT was "our institutional responsibility to address the challenges of energy and the environment." She added, "I believe that the country and the world may finally be ready to focus on these matters seriously. Again, it

is our responsibility to lead in this mission." Could the message be any clearer?

I understand that many in the U.S. military are Christians; in that context, I urge you to meditate on Jesus' call to put away our swords, and to enact the miracle of compassionate giving. As we sow, so shall we reap. Let us take that

courageous first step and open our hearts, our pockets and our imagination to truly give peace a chance. We all know what the alternative looks like.

Martin Hunter, PhD  
Staff Research Scientist  
MIT Spectroscopy Laboratory

# Card-Carrying, Pinko-Commie-Liberal Can't Force Self to Hate John Roberts

Josh Levinger

In case you missed last week's CSPAN-3 coverage of Judge Roberts' nomination hearings, let me summarize them for you here:

Senator Specter (R-PA, Chairman): I'm a moderate Republican, and am slowly being edged out of my party. Will you respect the constitutional right to privacy that underlies the Roe v. Wade decision?

Judge Roberts: I'm cold, logical and calculating — a legal machine, devoid of any feeling, despite my all-American looks and picturesque family. If the words "right to privacy" aren't in the Constitution, they're dead to me.

Senator Durbin (D-IL): I'm running for president and have a big neck.

Judge Roberts: As that question regards issues that may come before the court, I don't believe it would be proper for me to answer.

Senator Kennedy (D-MA): I'm an elder statesman, and still haunted by the ghost of Chappaquiddick. Will you defend the civil rights I fought for half a century ago?

Judge Roberts: I have no respect for the march of time, and the progress of human values. If slavery were still legal, that would be the precedent I would uphold.

Senator Feinstein (D-CA): As the only wom-

an on this panel of old white windbags, will you answer my questions?

Judge Roberts: Not a chance.

Senator Brownback (R-KS): I'm also running for President. May I kiss you?

Judge Roberts: On the cheek only; the mouth would cross the line between adoration and Satanism.

Senator Hatch (R-UT): Will you answer my sycophantic questions?

Judge Roberts: I think women should be barefoot and pregnant, just as God intended.

Senator Graham (R-SC): I think we can all agree to that.  
All, sans Feinstein: <laughter>

Judge Roberts: With pleasure.

Senator Biden (D-DE): I'm also running for president. I also co-authored the Violence Against Women Act, which is unconstitutional. Do you feel that men and women deserve equal protection under the law?

Judge Roberts: I think women should be barefoot and pregnant, just as God intended.

Senator Graham (R-SC): I think we can all agree to that.

All, sans Feinstein: <laughter>

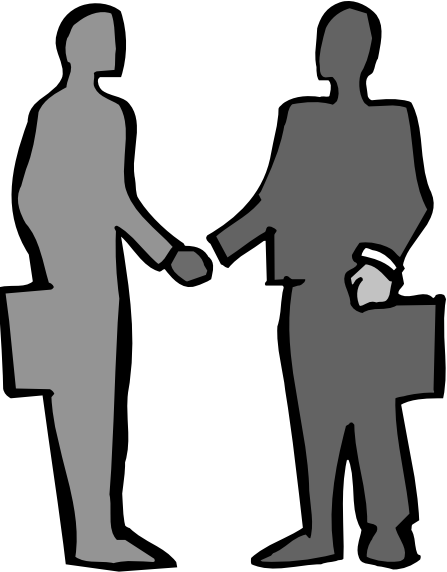
Now that the panel has adjourned, Roberts has returned to his squirming children and doting wife, and Bush has returned to ignoring the plight of the poor, Congress can get back to its tense partisan standoff, and the nation can return its attention to things that really matter, like football, Renée Zellweger's divorce, and missing blonde teenagers.

As a card-carrying pinko-Commie-Liberal, I'm supposed to hate Roberts. But try as I did, no matter how many hours of hearings I forced myself to sit through, I couldn't. He's got a calm, strong persona, without the craziness or malice of Robert Bork. Although a Harvard graduate, he is clearly an intellectual of the highest level. Anyone who puts his faith in 200-year-old words rather than human experience deserves the respect of this school.

In all seriousness, it looks like Roberts will be easily confirmed, and it was wise for the Democrats not to put up too strong of a fight. They showed enough resistance to show that they have a spine, but not enough to actually make a difference. They saved their right to filibuster for a truly divisive candidate, like the one that Bush will most likely nominate for the position vacated by O'Connor. To keep the gender ratio at a sensible 2/9, he will likely put forward a woman with real conservative credentials like Priscilla Owen, the Wicked Witch of Texas.

Will the circle be unbroken Lord, by and by?

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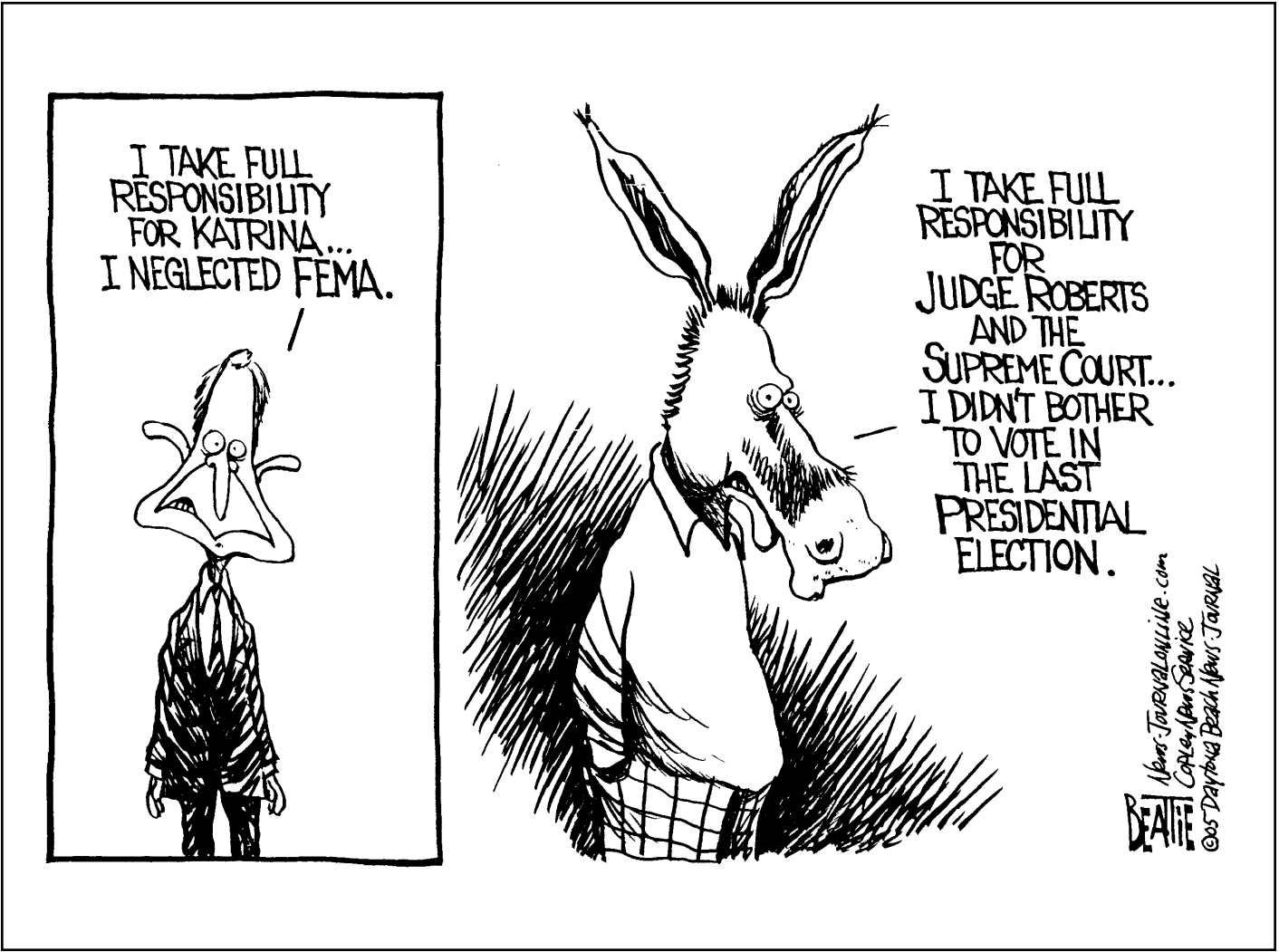


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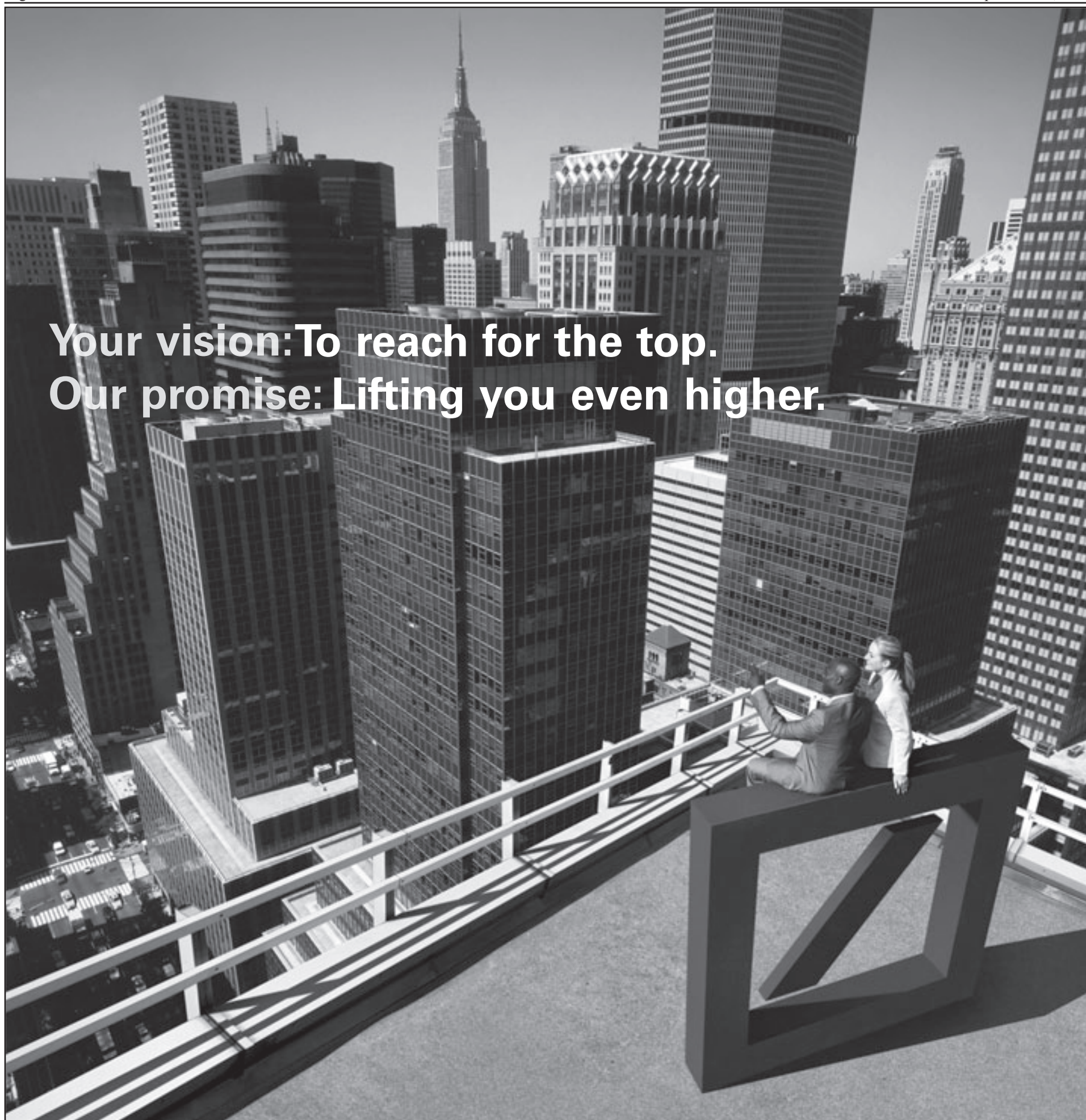


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**Event:** Presentation  
**Date:** Thursday, September 22, 2005  
**Time:** 5:30 PM  
**Location:** Building 4, Room 149

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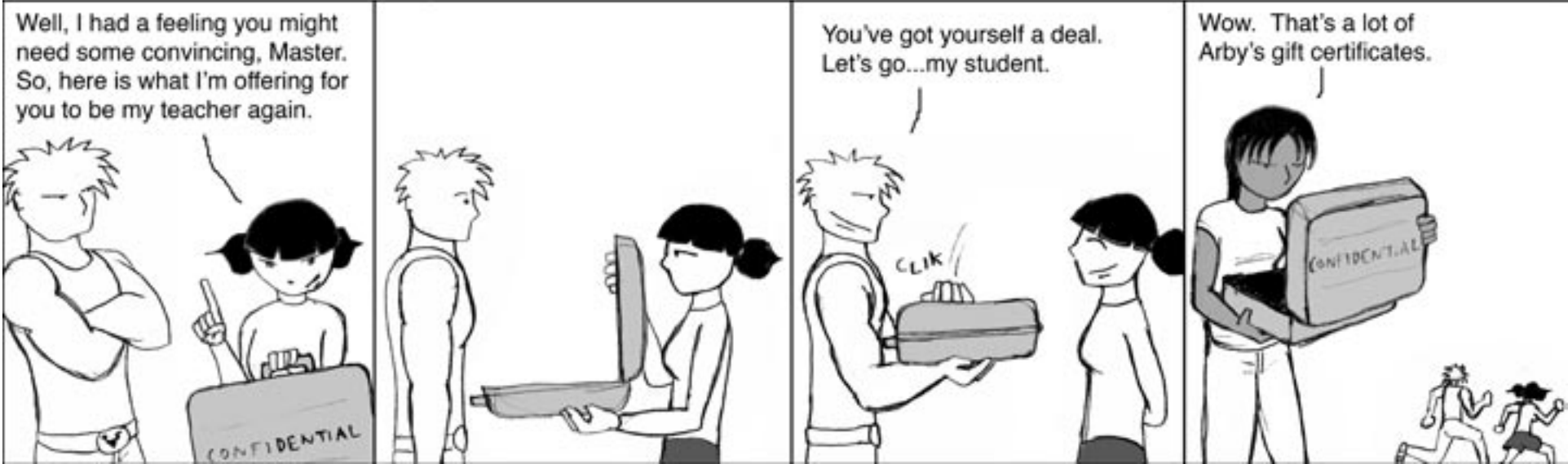
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## Trio

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by Emezie Okorafor



by W.Victoria Lee



by Juan Pablo Mendieta



**FoxTrot** by Bill Amend

**Bonus Crossword**

Solution, page 13

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Information Session / **September 20th**  
8:00 pm at the Charles Hotel

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# Technique!

the yearbook of mit

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# Senior Photos!

September  
26 through 30

W20-45 I

# Gaggle Flaps Again

SPECIAL TO THE TECH

A changeover of the bellwether rung throughout W20-483, when Jina Kim resigned as Chairman, who leads this pack of intrepid journalists through their therapy sessions.

Running against a cast of thousands, Zach Ozer prevailed, crushing their nonexistent little chitinous exoskeletons in the quest to obtain mastership of the newly revitalized therapy couch.

Jina Kim, determined not to be ousted from the cabinet, managed to tenaciously cling to the position of Executive Editor. The Tech has not been graced with an ExecEd since late 2003, so this is momentous.

Stephanie Lee accepted the mantle of photography editor, joining the silver halide triumvirate (absent any actual AgBr or AgCl).

Marissa Vogt finally acquiesced to her status as crusty old fogey, and was elected Senior Editor.

Floss.

# find out what's blowing in the wind

If 20 of GE's wind turbines were used to replace the same amount of energy generated in the U.S. through traditional sources, greenhouse gas emissions could be reduced by an amount equal to taking nearly 27,000 cars off the road in the U.S. We call this ecomagination. At GE we invite you to find your answer to ecomagination through a career in engineering, finance, manufacturing, sales and marketing, human resources, or information technology.

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MIT Career Fair  
September 22nd  
Johnson Athletics Center  
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Bizet's

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**Thursday, September 22 at 7:30pm**  
Loeb Drama Center  
64 Brattle St., Harvard Square

Passion and death are inseparably bound in Bizet's fiery drama of two men's love for a gypsy girl. Bizet was commissioned to write the three-act opera, based on Prosper Mérimée's similarly titled novel, in 1872 for the Paris Opéra-Comique.

and

**The Keening**

**Tuesday, October 18 at 7:30pm**  
Zero Arrow Theater  
Arrow Street & Mass Ave, Harvard Square

While a remote village struggles with encroaching paramilitary forces, a professional mourner (performed by Marissa Chibas ) comes to terms with the truth of her husband's death and her family's involvement in a massive drug cartel. **The Keening** is the English-language premiere of a gripping new play from the Colombian writer and actor Humberto Dorad

Discussion with director Nicolás Montero follows performance.

**Pick up tickets IN PERSON ONLY at E15-205  
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An informational meeting is scheduled for **Tuesday, September 20 at 4:00 pm in 1-132**. The contact person is Professor Anne McCants, [amccants@mit.edu](mailto:amccants@mit.edu), 617-258-6669.



# Pop Sci-fi Helps Explain Science

MTG, from Page 1

two numbers of this show in front of George Lucas.”

Kirtley said she looks forward to the show as a chance to “showcase some of the things MIT does that aren’t likely to become exhibits” at the Museum.

## Androids driving Maglevs?

The Boston Museum of Science has been working with Lucasfilm Ltd. for over four years to create an exhibit to familiarize people with technology in a fun and creative way, Kirtley said.

The exhibit shows how technology that was purely science fiction at the time it was conceptualized in the Star Wars films has since become technically possible.

For example, visitors are challenged to create their own Maglev vehicles, inspired by Luke’s land-speeder from Episode IV, using hands-on learning stations called Engineering Design Labs.

The MIT Media Lab will also play a role in the exhibit. Visitors who enter a large-scale model of the Sandcrawler from Episode IV will be treated to a ten-minute video featuring Cynthia L. Breazeal, associate professor and director of the Robotic Life Group at MIT. Breazeal will hold a conversation with the android C-3PO about mobility, perception and cognition in robotic design.

“I’m kind of mind-boggled by the idea of androids, but C-3PO is kind of cool,” Kirtley said.

## Show to conquer other episodes

After first producing “Star Wars: Musical Edition” during January, 2003, the Guild voted to commit to creating a three-hour production featuring the entire original Star Wars Trilogy for Fall 2005.

The original show featured material from Episode IV, and MTG performed it at a Star Wars convention in Indiana this spring.

The MTG show uses original lyrics set to well-known songs from Broadway musicals to tell the story of Star Wars. The production features parodies of songs from such varied musicals as West Side Story, Guys and Dolls, Chicago, and The Lion King.

Although the show borrows from well-known musicals, the score is entirely original, thanks to Stephen L. Peters G. “He’s actually rewritten all of the original music so that the Star Wars theme is incorporated,” Kirtley said.

MTG will perform the three-hour show referencing the entire original trilogy throughout November as their fall show. “Star Wars: Where Science Meets Imagination” will run at the Boston Museum of Science from Oct. 27 through Apr. 30 before beginning a tour of six other U.S. cities.

join@tt

Solution to Crossword  
from page 8

P	A	C	T	S		C	A	S	A		H	O	R	S	
O	M	A	H	A		A	D	I	T		U	T	A	H	
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Information Session

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6:00pm

Room 4-163

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**6:30 - 8:00 pm**

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**Massachusetts Institute of Technology**



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# Challenges From Transporting Solar Car Now Face MIT Team

Solar Car, from Page 1

Keep your eyes open for roadkill

The course begins in Darwin, Australia and takes the teams across the country to finish in Adelaide. The solar cars are allowed to drive from 8 a.m. to 5 p.m., and it will be up to the team members riding in lead and chase cars to help the driver navigate. Since the course is not closed, drivers must also look out for roadkill and other vehicles. There are seven checkpoints along the way where the teams can switch drivers.

The drivers of Tesseract this year will be Glass, Alex C. MeVay '02, Chris Pentacoff '06 and Adam R. Vaccaro '07.

Driving the car is “really cramped and not really comfortable, but it’s still exciting,” said Team Manager Peter K. Augenbergs ’06. “Your head’s pressed against the windshield, and you’re pretty low to the ground.”

This year marks the end of Augenbergs’ three-year leadership for the team. “I’m definitely sad to leave the team,” Augenberg said.

With a third place win at the North American Solar Challenge this summer, the team is hoping to finish in the top five and beat its 2003 time of 32 hours and 54 minutes, Augenberg said. Teams to watch for are the University of Michigan (first in the NASC this year), Nuon Solar Team (first in the 2003 WSC) and Aurora Vehicle Association (second in the 2003 WSC).

Car arrives with some damage

Tesseract has already made its 12,000-mile journey to Australia, along with four of the 20 members of the SEVT. The trailer appears to have crashed

into a shipping container during transit, which jarred the car loose from its moorings, putting a one-foot crack in the left side of the car, said team member James M. Harvey ’05.

There are also three cracks on the top of the car, he said.

The team should be able to replace the damaged cells and repair the cracks in time for inspections on Thursday, Sept. 22, Harvey said. Inspections check that teams have followed rules such as

maximum car dimensions, minimum eye height and battery weight.

Another issue is transporting the car’s lithium ion battery, which is classified as a hazardous material and therefore could not be shipped with the car. The battery, to be used on days with inclement weather, was redesigned to be 20 percent more efficient than the old model. It should arrive early next week; if it does not, the team will have to borrow one from another team or buy a much heavier, lead acid battery.

Once the competition is over, the team will begin an entirely new design of a solar car. “The younger team members are really motivated and will build a really fast, kickass car for next year,” Augenbergs said.

*Driving the car is “really cramped and not really comfortable, but it’s still exciting. Your head’s pressed against the windshield, and you’re pretty low to the ground.”*  
—Peter K. Augenbergs

Meet admissions representatives from  
The Harris School of Public Policy Studies, University of Chicago  
Fels Institute of Government, University of Pennsylvania  
Goldman School of Public Policy, UC-Berkeley

Date: September 29, 2005  
Time: 4:00-6:00 p.m.  
Place: Boston University Career Services Office  
Room #317, 19 Deerfield Street

Open to the public | Pizza will be provided



## Ask a MedLink

Avoiding the “Freshman 15”

**Dear MedLink:** I’ve heard that a lot of students gain weight during their first year at school, and this worries me. How can I avoid the “Freshman 15” (or 20)? —**Worried About My Weight**

**Dear Worried:** This is an important issue for many students, both guys and girls, so I’m glad you asked this question. With all the changes you’ll encounter in your transition to college life, weight gain really can sneak up on you without much warning. Don’t worry, though. Much of the dreaded “Freshman 15” comes simply from poor choices—choices you can control.

According to MIT Medical nutritionist Anna Jasonides, R.D., it’s all about moderation and maintaining healthy, regular eating habits, even when your crazed academic life can tempt you to do otherwise. Jasonides, who has seen all the mistakes MIT students commonly make, offers these tips:

**Beware the late night snack.** When you’re at a study break that offers comfort food at late hours, think about whether you really need that ice cream or pizza. I love cookies myself, and it’s always tempting to grab some just because they’re free. But by late night, I’ve probably already met my caloric needs for the day, so those free cookies may very well turn into extra pounds.

**Eat regular, balanced meals.** Pretend Mom is still watching what you eat. Jasonides recommends eating three to four medium-sized meals a day and balancing take-out food with reasonable portions of healthier options. To reduce fat and sugar intake, try substituting grilled chicken for hamburgers sometimes or (gasp!) eat the occasional salad.

**Choose drinks wisely.** Water is the best thirst quencher. Sodas, iced teas, and juices can be a sneaky source of empty calories. Just three cans of soda equals 520 extra calories of mostly sugar. Jasonides also reminds us that alcohol is a high-calorie beverage; the combination of late-night drinking with late-night eating can be particularly damaging to your waistline.

**Listen to your body.** Before reaching for another chicken wing at a study break, ask yourself if you’re really hungry. Don’t eat to the point of feeling overstuffed, and try to remember that food is simply fuel for your body, not stress relief or entertainment.

According to Jasonides, moderation is the key. But if you happen to gain a few pounds, she adds, it’s not the end of the world. Don’t fall into crazy diet or exercise regimens. Let personal trainers at the Z-Center help you develop an appropriate exercise program or make an appointment with your primary care provider, a health educator, or a nutritionist at MIT Medical to talk about diet and nutrition.

Good luck staying healthy this year—and in the best possible shape to tackle all those problem sets! —**Grace**



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# PSC Will Send Students to Help in N.O. During IAP

**Katrina**, from Page 1

when confronted with administrative obstacles. Instead, she said, MIT displayed its “let’s just do it” attitude.

**Working from communities up**

New research efforts will likely focus on “big questions,” particularly ones that “intersect technology and society,” said Lawrence Vale MS ’88, chair of Urban Studies and Planning and an advisory group member.

Vale said that initial plans for talks or forums should be finalized in the next few days, and the first session may happen as early as next week.

Three Urban Studies professors are already considering how to address the easily neglected needs and opinions of the communities shattered by Hurricane Katrina.

“A real concern is to make sure that the folks on the ground that have been affected by this ... are actively engaged in the efforts to rebuild,” especially for minorities and the poor, said Professor Caesar L. McDowell.

McDowell said one possible idea

was to establish a “citizens’ commission” from the New Orleans diaspora that would speak for the people’s interest rather than for the government or private business.

*“A real concern is to make sure that the folks on the ground that have been affected by this ... are actively engaged in efforts to rebuild.”*

—*Ceasar L. McDowell*

MIT may have the greatest opportunity to make a difference at the community level, said Professor J. Phillip Thompson. This could be a place “where this country begins to address the problem of inequality.” Effective community organizing could affect lobbying efforts, Thompson said. “A lot of the people

who are jumping on to this ... don’t have a vision — they just see dollars.”

Another challenge is coordinating action between community members dispersed into multiple states. “Organizing often, if not always, assumes some kind of concentration,” said Professor Xavier de Souza Briggs.

**PSC prepares for long term effort**

After sending five students to Sri Lanka last summer to assist with reconstruction after the tsunami last year, the Public Service Center is now fundraising for a similar effort in New Orleans, said Director Sally Susnowitz.

The scale of the effort “depends a great deal on what we collect,” she said. The PSC is currently collecting money for three different funds: the American Red Cross, charities local to the affected area, and public service fellowships.

Susnowitz said that the PSC had been planning a 10-year window for tsunami aid efforts, and that they were now exploring what MIT stu-

dents could bring to evaluation reconstruction efforts.

“I think we’re in here for the long haul,” Susnowitz said. Ultimately, though, the PSC’s efforts are dependent on students’ level of interest. The guiding question will be “what do they bring in particular as MIT students,” she said.

One scenario for what students

might do in a fellowship over the Independent Activities Period would be to teach a community how to use donated equipment to test water quality, a useful long-term skill during reconstruction.

The Public Service Center is trying to do is facilitate the contributions of MIT students, Susnowitz said.

## Members of the Katrina Response Advisory Group

- Kathryn A. Willmore, Chair, Vice President of the Corporation
- Rafael L. Bras, Professor of Civil and Environmental Engineering
- Phillip L. Clay PhD ’75, Chancellor
- Louis D. Fouché ’07, Undergraduate Student, Chemical Engineering
- Alice P. Gast, Vice President and Associate Provost for Research
- Rachel Glennerster, Executive Director of the Poverty Action Lab, Economics
- Lorna J. Gibson, Chair of the Faculty
- Daniel E. Hastings PhD ’80, Director, Engineering Systems Division
- Monty Krieger, Professor of Biology
- Suzana Lisanti, Publisher of the MIT homepage
- Sally Susnowitz, Director of the Public Service Center
- Lawrence Vale MS ’88, Department Head, Urban Studies and Planning
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**Solution to Crossword**  
from page 7

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# Harvard Ponders Adding a Pub To Boost Campus Social

By Sarah Schweitzer  
BOSTON GLOBE

Harvard College administrators long have racked their brains concocting merry-making schemes for a campus derided as overly serious and lacking in frivolity — to little avail. Surveys repeatedly have shown that Harvard students felt their partying potential was not being met.

Now Harvard’s officialdom is retooling its approach. Administrators say they want students to make and define their own revelry. As such, college officials are mulling the student-backed notion of creating an undergraduate pub — a departure for a campus steeped in the clubby tradition of parties confined to residence halls and exclusive private clubs.

“Obviously, we’re not Florida State,” said Caleb Merkl, a senior who has lobbied for the pub. “But we really don’t have a common space, a place where students can all go and just hang out. The pub would provide that.”

In a measure of how seriously they’re taking fun, administrators have hired a 2004 graduate, Zachary Corker, to study the pub’s feasibility. Corker comes with experience: He joined the administration ranks last year with the mission of improving student social life, a job unofficially dubbed “fun czar.”

Students say a pub, still in the preliminary planning stage, would create cohesion and provide sense of place for undergraduates. But the issue is tricky for the college.

Binge drinking is a growing concern on campuses across the nation, and Harvard itself has hired its first alcohol educator, who starts work on campus this fall. But administrators note that other top-tier colleges have successfully managed student pubs. And they say students drinking in a college-controlled environment is a better option than unregulated pub-crawls and keg-fests.

Students say the proposed location of the pub, Loker Commons, underscores the need for student

input into Harvard’s social scene. The commons is a basement space in Memorial Hall where administrators envisioned, at its creation in 1996, a buzzing hub of student after-hours activity.

Yet some say it is anything but, serving as a study-group spot and pass-through space for e-mail-checkers. Indeed, Loker Commons has a decidedly adult imprimatur, with posters on wood-paneled walls touting Mahler concerts. Bulletin boards, marked for official campus business, are dotted with advisories like “Chess Club meets tonight at 8:45 p.m.”

Particularly off-putting to some students is the corner of the commons devoted to the “Math Question Center,” demarked with a large poster of Sir Isaac Newton.

The push for a pub comes at what some describe as a crossroads for Harvard’s quality of life. The student body is increasingly diverse and disconnected, with fewer preparatory school social chains and hometown-sown friendships. Meanwhile, increasingly gentrified Harvard Square has become an expensive night-time proposition, with \$1 pitcher establishments replaced by cocktail sipping spots.

The result, some say, is dwindling common meeting space for a less-naturally cohesive student body — nearly all of whom live on campus rather than in fraternity houses or apartments that drive social life at many institutions.

“It used to be that everyone was a white male from New England and they all knew each other,” said Rohit Chopra, the former undergraduate council president who has advocated the creation of the pub. “Now so many of us come to Harvard knowing no one and it’s harder finding your way.”

For years, the administration and students largely worked apart on the issue, with some students organizing underground frivolity.

A group called Harvardparties.com in 2003 began hosting

so-called “Harvard State Parties” advertised with pitches like: “Ever wanted to party like they do at that state school you could have coasted through?” In 2004, administration officials say, they decided to join forces with the fun-agitators, including Corker, one of three student organizers of Harvardparties.com and a sponsor of a renowned party in his dorm, Mather House, that he says was alcohol-free, but made use of a foam-machine and ended with police involvement.

“We knew Zac had a reputation,” said Judith H. Kidd, associate dean of the college, noting that her first meeting with him was to discuss the college’s allegation that the Web site infringed the college’s copyright. “But we knew that what we wanted was for him to translate us to his peers.”

The college tapped Corker, 23, to serve as special assistant to the dean of social programming — aka fun czar — and rehired him this year to study the feasibility of a permanent student pub in Loker Commons. (Another recent graduate, Justin Haan, class of 2005, will assume Corker’s former post.)

Kidd and Corker say the year of collaboration has been fruitful, resulting in the creation of a simplified online party permit system and the inauguration of a number of events, including a dodge ball tournament and a “Harvard State Fair” planned for the fall, complete with mechanical bull.

But most significant, both say, was the creation of pub nights, a series of six overbooked gatherings in Loker Commons where college bands played and alcohol was served.

“I had friends calling me from outside and asking if I could get them in,” Corker said.

Administrators, too, crow about the pub night success. Kidd recounted one student’s assessment she heard from another administrator: “Pub nights have changed the paradigm of social life at Harvard.”

# Cindy Sheehan Visits Protest in Cambridge

By Michael Levenson  
BOSTON GLOBE

Cindy Sheehan, the mother of a slain soldier whose vigil outside President Bush’s ranch in Crawford, Texas helped galvanize antiwar sentiment last month, told 200 cheering, chanting supporters in Cambridge yesterday that Americans should never again be led into what she called an illegal and unjust war.

“We remembered something that we as Americans had forgotten after almost five years of being under a virtual dictatorship,” she said on Cambridge Common. “We have the power. We Americans are the ones with the power.”

It was Sheehan’s first stop in the Boston area since her vigil helped draw nationwide attention to the movement to remove U.S. troops from Iraq, and she received a rapturous welcome in this famously liberal city.

Her supporters, including several military veterans, parents with young children, and local activists, cheered and waved peace flags on the green where George Washington once mustered his troops. A few people sang the traditional song with the lyrics, “We ain’t gonna study war no more,” while others hoisted a banner that asked, “How many more?” Another banner declared, “Peace and social justice thrive in Cambridge.” When the first busload of military families arrived, people chanted, “Welcome,” and then burst into applause as Sheehan took the makeshift stage adorned with a red tarp backdrop.

“George Bush wouldn’t meet with me,” Sheehan said. “But I went over his head. I went to the people of America.”

The rally was part of a nationwide tour that Sheehan launched after she failed in her immediate goal to meet with the president to ask him why her son, 24-year-old Army Specialist Casey Sheehan, had to die.

Casey Sheehan was killed in April 2004 after insurgents ambushed his unit in the Sadr City section of Baghdad.

“It’s going to be us that makes this war end,” said Cambridge City Councilor Denise Simmons, to the cheers of the audience. “It’s going to be all of us.”

Sheehan’s supporters had set up tents on the grass yesterday and hung a placard reading, “Welcome to Camp Alex,” in honor of Alex S. Arredondo, a 20-year-old Marine lance corporal from Randolph who died in August 2004. He was shot by insurgents while storming a building in Najaf. His father, Carlos Arredondo of Roslindale, later made national headlines when he set himself on fire inside a van that the Marines had used to bring him the news of his son’s death. He survived, but suffered burns on 26 percent of his body.

“I hope armed forces families won’t go through what my family is going through,” Arredondo said in an interview at the rally yesterday, describing his battle with post-traumatic stress disorder. “Because it’s one year gone by, and it’s still very difficult, and people are telling me it’s a far road ahead.”

When Arredondo took the stage with his mother and his wife by his side, he hoisted over his head a picture of his son in full dress uniform.

“He was proud of what he was doing for his country. And I am proud of that,” Carlos Arredondo said. “But the effects that come with that are very high, very high for the family.”

He added, “I want peace,” and repeated the phrase again.

At the rally, activists rallied support for a petition that would try to force the state government to withdraw the Massachusetts National Guard from Iraq. As a first step, supporters need to collect 100,000 signatures. Activists, including Sheehan, also asked those in attendance to turn out for an antiwar rally planned for Sept. 24–26 in Washington, D.C.. Supporters are trying to draw hundreds of thousands of people in what they hope will be the largest antiwar demonstration since the U.S. invaded Iraq last year.

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FSILG Wiring to Get Upgrade Before Nov.

Upgrade, from Page 1

less enabled by 2006, Grochow said.

Once installation is completed at McCormick Hall, MacGregor House, and Edgerton House, all dormitories will have wireless service.

About 40 percent of campus has wiring that allows networks to run at 10 megabits per second (Mbps), with other areas handling 100 Mbps, Grochow said. The wireless connections run between 11 and 54 Mbps, while the wired networks run at 10 or 100 Mbps across most of campus, and at 1,000 Mbps (gigabit ethernet) in the Stata Center and Building 46 (the new Brain and Cognitive Sciences Building), he said. The capacity of wireless networks is distributed over all users for a particular switch, so the effective speed for a user depends on other's usage, while a wire connection is usually a dedicated capacity for that connection.

All common spaces in the Institute, excluding dormitories, were equipped with wireless last year, and the campus will be completely wire-

FSILG networks to be upgraded

IS&T has contracted with Verizon to improve wired networks in FSILGs, said Robert V. Ferrara, director of FSILG Alumni Relations.

After the upgrades, 10 Mbps will be shared within each house, compared with 1.5 Mbps before the upgrades. Verizon is scheduled to finish the upgrades by the end of October, Ferrara said. Only one upgrade, at Pika, has been completed so far.

FSILGs on campus are already at the 10 Mbps speed, as are the Women's Independent Living Group and Alpha Delta Phi, which are close to campus.

The FSILG upgrades are being paid for by IS&T. However, expenses for any internal wiring within the houses will be covered by FSILGs. The Independent Residence Development Fund, an MIT-run fund channeling donations for living groups, may provide grants for network costs facing FSILGs, Ferrara said.

MIT Alum Wins MacArthur

Jon M. Kleinberg PhD '96 was named a 2005 MacArthur Fellow today. MacArthur Fellowships, often known as "genius grants," include a \$500,000 no strings attached financial reward. Kleinberg, now a professor of computer science at Cornell University has published prolifically on topics including link analysis and modeling of the World Wide Web, discrete optimization and network algorithms, and algorithmic approaches to clustering, indexing, and data mining.

"It's definitely a tremendous honor," Kleinberg wrote in an e-mail last night, "and when I think about the people who've received it over the years, I'm very humbled to be a part of this."

Kleinberg included working at the Laboratory for Computer Science (now part of Computer Science and Artificial Intelligence Laboratory), playing hockey, Graduate Student Lunch, and "late, late nights" as being among his favorite memories of his time at MIT.

—Beckett W. Sterner

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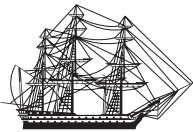
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<b>INFORMATION SESSION</b>	Tuesday, September 27
University Park Hotel @ MIT	6:00 PM
<b>RESUME DROP DEADLINE</b>	Wednesday, September 28



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Joseph T. Goldschmid '08 evades a tackle to pick up extra yards on the play on Saturday, Sept. 17, in the first home game of the season.

# Toth Leads Engineers to 25-14 Win in Football Home Opener

By Albert Ni

It doesn't always take perfect play to produce a winning formula — the right combination of solid effort and improvement on both ends of the field can work wonders. This was the case in the Engineers' 25-14 victory over the Massachusetts Maritime Academy. MIT visibly outplayed its opponents throughout the game in a solid effort by a squad clearly hungry to win in their home opener.

Renditions of "Row, row, row your boat" and Christmas carols could be heard from the MIT band in the stands. Indeed, life was but a dream as Christmas came early for the Engineers in the form of 12 costly Maritime penalties for 132 yards, which gave new life to MIT drives and killed promising Maritime ones.

Quarterback Stephen C. Toth '09 led a balanced offensive assault by the Engineers with 168 yards on the ground and 251 yards in the air. Defensive Back David O. Kalk '08 led the Tech defense with 10 tackles and an interception. The MIT defense dominated a weak Maritime offense, with 4 sacks, 2 interceptions, and 2 forced fumbles, one of which led to a safety. Additionally, the Tech defense allowed only 71 yards on the ground, and 177 yards in the air, 85 of which came on a meaningless Maritime

strike late in the fourth quarter. Coming off a disheartening loss last week to Framingham State, a game in which Tech actually managed more yards of offense than their opponents, things didn't look much better at first on a gloomy Saturday afternoon. Toth had his second pass of the game picked off for a quick 25-yard touchdown. He bounced back immediately with a 46-yard drive that ended with a 26-yard field goal by Matt R. Ramirez '06. The drive was given new life with a pass interference call against Maritime on a Fourth-and-21, one of 12 costly Maritime penalties, totaling 132 yards. On the next possession, things didn't look good at first as Tech started pinned inside their own 5-yard line. Toth responded with a quick 35-yard strike to Marcus R. Carson '07, and then additional completions to Thomas J. Kilpatrick '06 and Carson once again, setting up a 21-yard run for a touchdown by Robert C. Utz '09, which gave MIT a 10-7 lead at the end of the first quarter. "We ironed out a lot of things," said Coach Dwight Smith. "We were able to get our receivers in the game passing-wise." In the second quarter, Tech built their lead to 17-7, courtesy of the ground game of Utz and Muamba P. Muanankese '08, as well as a 23-yard reception by Kilpatrick. In the process, the Engineer defense con-

tinued to shut down the Maritime offense, which converted on only 3 of 15 third downs in the game. The Engineers clearly had the momentum going into halftime. It only improved as Defensive Lineman Brennan P. Sherry '06 forced a quick fumble leading to a safety less than two minutes into the third quarter and then walked off the field to cries of "Sherrrrrrrrrry!" from MIT fans in the stands. By the fourth quarter, Tech fans were chanting and charging each other with large empty water jugs as the fate of the game was no longer in doubt after Carson capped off his solid day with a 36-yard touchdown reception. "It was a lot better than last week," Smith said. "We improved offensively, defensively; the level of



Marcus R. Carson '07 hauls in a pass from quarterback Stephen Toth '09 for a 36-yard touchdown during the football team's 25-14 victory against the Massachusetts Maritime Academy at Steinbrenner Stadium on Saturday, Sept. 17.

# Elbows Fly in 1-0 Loss To Salem State Vikings

Soccer, from Page 24

to MIT territory. MIT's next big chance came just minutes before the end of the half, as Amy S. Ludlum '08 charged down the field on a breakaway. Salem's Jillian Rae broke up the play, gaining possession of the ball. Ludlum did not give up, boxing Rae in at the goal-line, giving her no place to go. As the ball finally rolled across the goal-line, the referee gave the ball to Salem, a decision that garnered loud boos from some of the MIT fans. Salem had three corners in the half, but as one skittered across the heads of the Vikings offense and out on the other side, one bounced off the goalpost and out, and one bounced between Vikings and Engineers, like a pinball, before being driven back into Salem territory. The Vikings were unable to capitalize. MIT's only corner came after a long punt by Mallela bounced off a Vikings defender, but this too came to nothing as the kick went past the net and out on the other side. Going into the second half still tied 0-0, the Engineers seemed to tire substantially. Although they invariably seemed to beat out the Vikings when the attack was one-on-one, poor passing meant that they were simply unable to maintain possession. Vater kept on her toes in the second half and showed her mettle, as she managed eight saves on nine shots-on-goal. MIT's offense, in the meantime, only had two shots on goal in the second. Ludlum and midfielder Andrea Bradshaw '09 never gave up, staying on the offensive and not missing a chance to attack. Bradshaw repeatedly showed off her speed chasing down loose balls. Ludlum, meanwhile, was the strongest threat to the Vikings, as she repeatedly drove down the field towards the Salem net, but just as often, the Viking defenders managed to break up the play. With five minutes remaining in the game and still no score, the intensity

increased palpably. Salem's Sarah Blackwell took the ball away from MIT, dribbled down the field into Tech territory, and passed to Ashley Bullock at the 15-yard line. Bullock was driven into the corner by Harding on defense. In a brilliant play, she passed it back to Lefebvre, who launched it into the air, tipped it off the outstretched fingers of Vater, and sent it into the far right corner of the goal to win the game with just 13 seconds remaining. The game was surprisingly physical. The roughhousing started early on, with a trip by a Salem player. Shortly thereafter, MIT was called for tackling a Viking. With 10 minutes left in the half, Salem's Ashley Whitlock shoved Wu hard to the ground after Wu managed to strip the ball from her. Two minutes later, another fierce shove by a Salem player went uncalled, which started the cat-calls from the restless crowd. They became more vehement after Salem's Theresa Lefebvre was penalized after she gave Mallela a quick elbow to the back. In the second, Salem's Brianna McCarthy gave Sterk another elbow to the back. Wang was then called for the sliding tackle she used to knock Rae off her feet. Seconds later, MIT was called again. The damage from this penalty was negligible, as Vater made an excellent save to keep Lauren Geibel from scoring on the indirect kick. Finally, with just a few minutes to go in the game, Harding body-slammed into Rae with such force that it took nearly 20 seconds for Rae to pick herself up off the field. Surprisingly, throughout the course of this rough game, only one yellow card was issued, to Wang for her sliding tackle. The Engineers, despite their record, have been improving as the weeks go by. Under the guidance of their coach, Krista Fulton, new to MIT this year after guiding Framingham State to the conference championship, the Engineers hope to notch their first win Tuesday against Fitchburg State.

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SPORTS

Women's Soccer Team Loses 1-0 To Salem State in Tough Match

By Caitlin Murray  
STAFF WRITER

The women's soccer team sustained its fifth consecutive defeat in a heart-wrenching last-second 1-0 loss to the Salem State Vikings on Saturday with over 150 people in attendance, bringing the record for the season to 0-5.

The Vikings were aggressive from the start, driving into MIT territory on their first possession, past the full-backs as they launched a high shot towards the net.

The shot was blocked by MIT goal-keeper Katherine A. Vater '07. The ball tipped off her hands and rolled behind her towards the net, eliciting gasps from the crowd. Vater quickly regained control and made the first of what would be a season-high 11 saves.

After this attempt, MIT defenders Chi-Fong Wang '07, Jodie Z. Wu '09, Juthica B. Mallela '06, and Mary P. Harding '07 worked hard to keep the ball in Salem territory. Playing aggressively and not hesitating to take the Vikings one-on-one, they broke up play after play.

MIT's best chance to score in the first half came 25 minutes into the game. The Engineers managed to battle their way into Salem territory, but the Salem defense regained control and was ready to pass the ball to the opposite end of the field when Diana K. Sterk '06, surprised the defender and stripped the ball, passing it quickly to Courtney Rothrock '06 waiting in the center of the field. But Rothrock's shot went high, and on the subsequent goal kick, Salem regained possession and brought the play back

Soccer, Page 23



Jonathan W. Osting '08 drives off an offensive lineman on Saturday, Sept. 17 during the first home football game of the season. Led by Stephen C. Toth '09 and Robert C. Utz '09, MIT defeated the Massachusetts Maritime Academy, 25-14. See article on page 23.

With Els Out, Expect Tiger to Lead U.S. to Victory in Presidents Cup

By Yong-yi Zhu  
ASSOCIATE SPORTS EDITOR

What's on the line this weekend when the U.S. team plays the International team at the Robert Trent Jones golf course for the sixth installment of the Presidents Cup? Bragging rights from the last two years come with this year's trophy. At the last Presidents Cup, captains Jack Nicklaus and Gary Player decided to end the matches in a tie because play was suspended, and nobody wanted to come back Monday to finish.

This is perhaps one of the best lineups in recent memory. The U.S. team, led by Captain Jack Nicklaus, includes Tiger Woods, Phil Mickelson, David Toms, Kenny Perry, Chris DiMarco, Jim Furyk, Fred Funk, Stewart Cink, Davis Love III, Scott Verplank, Justin Leonard, and Fred Couples. The International team, captained by the great Gary Player, boasts Vijay Singh, Retief Goosen, Adam Scott, Angel Cabrera, Tim

Clark, Michael Campbell, Stuart Appleby, Mike Weir, Nick O'Hern, Mark Hensby, Peter Lonard and Trevor Immelman. With only Ernie Els and Sergio Garcia missing from the big names, this is one of the strongest groups of golfers ever assembled. Because the Presidents Cup is a team event, little attention has been drawn to it; it will be unfortunate if people miss such high quality competition.

So who is going to come out on top? The U.S. players usually do much better in man on man Sunday showdowns than in foursome or four-ball matches. But this year's matches have more on the line; I think Captain Nicklaus will communicate that to the players.

The International team will suffer tremendously without Ernie Els. Last year, he was the one to tie Tiger Woods in extra holes. Can Vijay lead the Internationals the same way Els did? Probably not. He just doesn't have the same character. But when it comes to duels with El Tigre, Vijay has not done too badly. Remember, he wrestled the top spot in the world

golf rankings from Tiger right in front of Woods' eyes.

The U.S. team will still have too much for the International team to handle. They simply have more experienced players like Davis Love III and Justin Leonard. The Europeans have to go with newer players like Nick O'Hern.

I think the U.S. team can take advantage of the Europeans' weaknesses on Sunday. It won't be easy, but hopefully darkness, Monday and the captains' arbitrary decisions won't be as big a factor this time.

NEWMAC SCOREBOARD

Men's Soccer

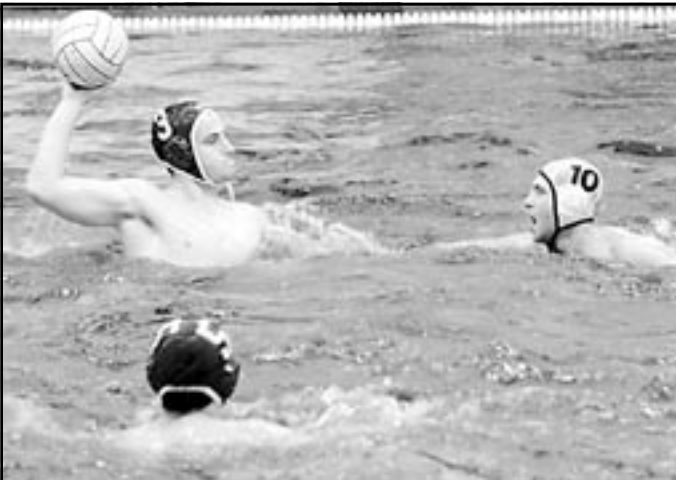
NEWMAC Only					Overall			
Team	Win	Loss	Tie	Win %	Win	Loss	Tie	Win %
1 Clark	1	0	0	1.000	5	1	0	.833
Coast Guard	1	0	0	1.000	4	1	1	.750
Wheaton	1	0	0	1.000	3	3	0	.500
4 Babson	0	0	0	—	4	1	2	.714
MIT	0	1	0	.000	2	2	0	.500
Springfield	0	1	0	.000	0	5	0	.000
WPI	0	1	0	.000	1	3	0	.250

Volleyball

NEWMAC Only					Overall		
Team		Wins	Losses	Win %	Wins	Losses	Win %
1	Coast Guard	2	0	1.000	5	1	.833
	MIT	2	0	1.000	9	3	.750
	Smith	2	0	1.000	5	1	.833
	Springfield	2	0	1.000	9	1	.900
	Wheaton	2	0	1.000	4	5	.444
6	Babson	0	2	.000	2	5	.286
	Clark	0	2	.000	3	5	.375
	Mount Holyoke	0	2	.000	1	4	.200
	Wellesley	0	2	.000	4	3	.571
	WPI	0	2	.000	3	8	.273

Women's Tennis

NEWMAC Only					Overall		
Team		Wins	Losses	Win %	Wins	Losses	Win %
1	Babson	3	0	1.000	4	0	1.000
	Wellesley	3	0	1.000	3	0	1.000
3	MIT	2	1	.667	2	1	.667
4	Wheaton	1	1	.500	4	2	.667
5	Mount Holyoke	1	2	.333	1	2	.333
	Springfield	1	2	.333	1	3	.250
7	Clark	0	2	.000	1	4	.200
	Smith	0	3	.000	0	4	.000



Kevin C. Amendt '07 looks to shoot in a men's water polo match against Queens College last Saturday, Sept. 17. The match was held in the Zesiger Center. The MIT Engineers defeated the Queens College team 20-8.



Brooks Reed '09, second from left, readies for the start of one of many races during the Hatch Brown Trophy regatta on the Charles River on Saturday, Sept. 17. MIT sailors garnered fifth place out of 18 schools over the weekend.

UPCOMING HOME EVENTS

- Tuesday, Sept. 20  
Varsity Women's Soccer vs. Fitchburg State College  
Steinbrenner Stadium, 4 p.m.
- Thursday, Sept. 22  
Varsity Women's Soccer vs. Bridgewater State College  
Steinbrenner Stadium, 4 p.m.
- Varsity Field Hockey vs. U. Mass-Dartmouth  
Jack Barry Field, 6 p.m.